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TITLE: WOVEN FABRIC FOR FIBER-REINFORCED THERMOPLASTIC  
RESIN MOLDING MATERIAL

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INVENTOR-INFORMATION:

NAME

MIYASATO, KEITA

YAMAKI, KOICHI

KAWAGUCHI, YUTAKA

ASSIGNEE-INFORMATION:

NAME

NITTO BOSEKI CO LTD

COUNTRY

N/A

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ABSTRACT:

PURPOSE: To obtain the subject woven fabric capable of giving a formed product having excellent surface smoothness and flexural strength without causing the flow-out of reinforcing fiber during the molding operation by weaving a fabric with a weft and a warp consisting of a combination of a thermoplastic fiber yarn and a reinforcing fiber yarn and uniformly opening the yarn over the whole surface of the woven fabric.

CONSTITUTION: A fabric woven from a warp A composed of a reinforcing fiber yarn 1A and a thermoplastic fiber yarn 2A and a weft B composed

of a reinforcing  
fiber yarn 1B and a thermoplastic fiber yarn 2B is produced  
by the blended  
weaving of a thermoplastic fiber yarn such as polypropylene  
or polyethylene and  
a reinforcing fiber yarn such as glass fiber or aramid  
fiber e.g., by normal  
mat weaving. The obtained woven fabric is subjected to  
opening process with a  
high-pressure fluid to obtain the objective fabric.

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